

JOHN WAIHEE  
GOVERNOR OF HAWAII



2148  
OS  
KEITH W. AHUE, CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES

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STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES

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HONOLULU, HAWAII 96809

AUG 9 1994

AQUACULTURE DEVELOPMENT PROGRAM  
AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
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CONSERVATION AND RESOURCES ENFORCEMENT  
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FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
LAND MANAGEMENT  
STATE PARKS  
WATER AND LAND DEVELOPMENT

OFFICE OF  
QUALITY CONTROL

Ref:PO:SL

Refer to:MA-94:31

Dr. Bruce Anderson  
Acting Director  
Office of Environmental Quality Control  
220 South King Street  
4th Floor  
Honolulu, HI 96813

Dear Dr. Anderson:

Subject: Negative Declaration for the Proposed New Camp Maluhia Parking Lot, Tax Map Key: 3-1-01:Portion 1, Portion Kahakuloa Homesteads, Kahakuloa, Maui

The Department of Land and Natural Resources, Division of Land Management has received no comments on the subject draft environmental assessment during the 30-day public comment period which began on June 23, 1994. The agency has determined that this project will not have a significant environmental effect and has issued a negative declaration. Please publish this notice in your next scheduled OEQC Bulletin.

We have enclosed a completed OEQC Bulletin Publication Form and four (4) copies of the Final Environmental Assessment. Please contact Mr. Steve Lau at 587-0424 if you have any questions.

Very truly yours,

  
KEITH W. AHUE

Enc.

cc Maui District Land Board Member  
Maui District Land Office

107

1994-08-23-MA-FEA-Camp Maluhia  
Parking Lot

AUG 23 1994

# New Camp Maluhia Parking Lot

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## *Final Environmental Assessment*

Prepared for

Boy Scouts of America

July 1994



# **New Camp Maluhia Parking Lot**

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## ***Final Environmental Assessment***

Prepared for

**Boy Scouts of America**

July 1994



# CONTENTS

Preface	i
Summary	ii
I. PROJECT OVERVIEW	1
A. PROPERTY LOCATION, EXISTING USE AND LAND OWNERSHIP	1
B. PROPOSED ACTION	1
C. PROJECT NEED	1
II. DESCRIPTION OF THE EXISTING ENVIRONMENT	8
A. PHYSICAL ENVIRONMENT	8
1. Surrounding Land Use	8
2. Climate	8
3. Topography and Soil Characteristics	8
4. Flood and Tsunami Hazard	9
5. Flora and Fauna	9
6. Air Quality	12
7. Noise Characteristics	12
8. Visual Resources	12
9. Archaeological Resources	13
B. PUBLIC SERVICES	13
1. Recreational Facilities	13

2.	Police and Fire Protection	13
3.	Solid Waste	14
4.	Health Care	14
5.	Schools	14
C.	INFRASTRUCTURE	14
1.	Roadways	14
2.	Wastewater	15
3.	Water	15
4.	Drainage	15
III.	PROJECT IMPACT ASSESSMENT	16
A.	PHYSICAL ENVIRONMENT	16
1.	Surrounding Uses	16
2.	Topography	16
3.	Flora and Fauna	16
4.	Air Quality	16
5.	Noise	17
6.	Visual Resources	17
7.	Archaeological Resources	17
B.	PUBLIC SERVICES	17
C.	INFRASTRUCTURE	17
IV.	FINDINGS AND CONCLUSIONS	18
V.	AGENCIES CONTACTED IN THE PREPARATION OF THE ENVIRONMENTAL ASSESSMENT	19

REFERENCES

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APPENDIX A - Letter From the DLNR - Historic Preservation Division

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LIST OF FIGURES

1	Regional Location Map .....	2
2	Project Vicinity Map .....	3
3	Site Plan .....	4
4	Eastern Parking Lot .....	5
5	Western Parking Lot .....	6
6	Soil Association Map .....	10
7	Soil Classifications .....	11

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Preface

Maui County Council, Boy Scouts of America, proposes to construct 104 paved parking stalls on State-owned lands at Camp Maluhia (TMK 3-1-01:por.1). This document has been prepared pursuant to Chapter 343, Hawaii Revised Statutes, and Chapter 200 of Title 11, Administrative Rules, Environmental Impact Statement Rules. This Final Environmental Assessment documents the project's technical characteristics and environmental impacts, and advances findings and conclusions relative to the significance of the project.

## Summary

### Applicant and Landowner

The applicant for the proposed project is Maui County Council, Boy Scouts of America. The land is owned by the State of Hawaii and leased to the Boy Scouts of America.

### Property Location and Description

The proposed parking stalls will be located east of Camp Maluhia's main entrance, along the existing camp access road. The subject area is currently undeveloped and in pastureland that includes guava, Christmasberry, and other exotic plant species.

### Proposed Action

The applicant proposes to construct two parking lots which would have a total of 104 parking stalls. The eastern (lower) parking lot would encompass 79 parking stalls, while the western (upper) parking lot would encompass 25 parking stalls as well as one (1) bus parking space. In addition, the project includes the realignment and improvement of a portion of the existing access road which will connect the two parking lots.

### Findings and Conclusions

The proposed construction of the parking stalls is intended to meet existing parking needs for the Boy Scout camp.

The proposed project will involve site clearing, grading and paving activities. In the short-term, these activities may create temporary nuisances normally associated with construction activities. However, in the context of the surrounding pastoral land uses, the impacts of construction are not considered significant.

From a long-term perspective, the use of the site for the proposed parking stalls is not anticipated to result in any adverse environmental impacts. No evidence of archaeological or historic resources were found within the project site. There are no known rare or threatened species of flora and fauna found in the vicinity of the site. Ambient air and noise characteristics will not be adversely altered as a result of the proposed parking stalls.

The project is not considered significant in terms of impacts to public services and other infrastructure systems.

In light of the foregoing findings, it is concluded that the proposed action will not result in any significant impacts.



# ***Chapter 1***

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## ***Project Overview***

## **I. PROJECT OVERVIEW**

### **A. PROPERTY LOCATION, EXISTING USE AND LAND OWNERSHIP**

The applicant, Maui County Council, Boy Scouts of America, proposes to construct 104 paved parking stalls at Camp Maluhia (TMK 3-1-01:por.1). See Figure 1. The proposed parking stalls will be located east of Camp Maluhia's main entrance, along the existing camp access road. See Figure 2. The subject area is currently undeveloped and in pastureland that includes guava, Christmasberry, and other introduced plant species.

The proposed site is owned by the State of Hawaii and leased to the Boy Scouts of America.

### **B. PROPOSED ACTION**

The Maui County Council, Boy Scouts of America proposes to construct 104 parking stalls which will be contained within two (2) parking areas. See Figure 3. The eastern (lower) parking lot will encompass 79 parking stalls, while the western (upper) parking lot will encompass 25 parking stalls as well as one (1) bus parking space. See Figure 4 and Figure 5. In addition, the project includes the realignment and improvement of a portion of the existing access road which will connect the two parking lots. The improved roadway will be approximately 750 feet in length and have a width of approximately 12 feet. The total area encompassed by the proposed parking lots is approximately 0.8 acre.

### **C. PROJECT NEED**

The proposed construction of the parking stalls is intended to meet existing parking needs of Camp Maluhia. Presently there are approximately six (6) parking stalls for the entire camp. During large camp functions, vehicles park within camp activity areas, which results in

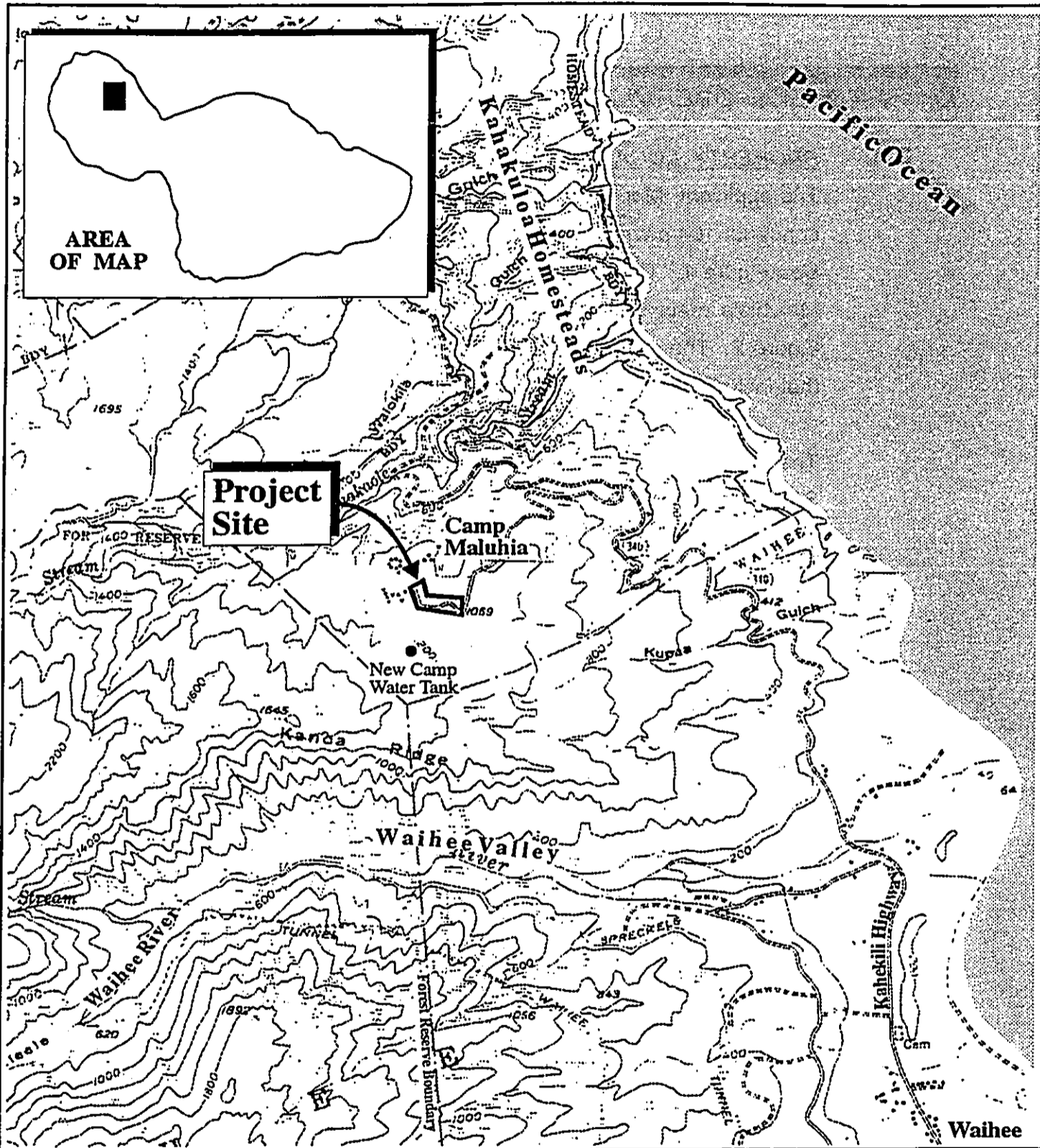


Figure 1 New Camp Maluhia Parking Lot  
Regional Location Map



Prepared for: Boy Scouts of America

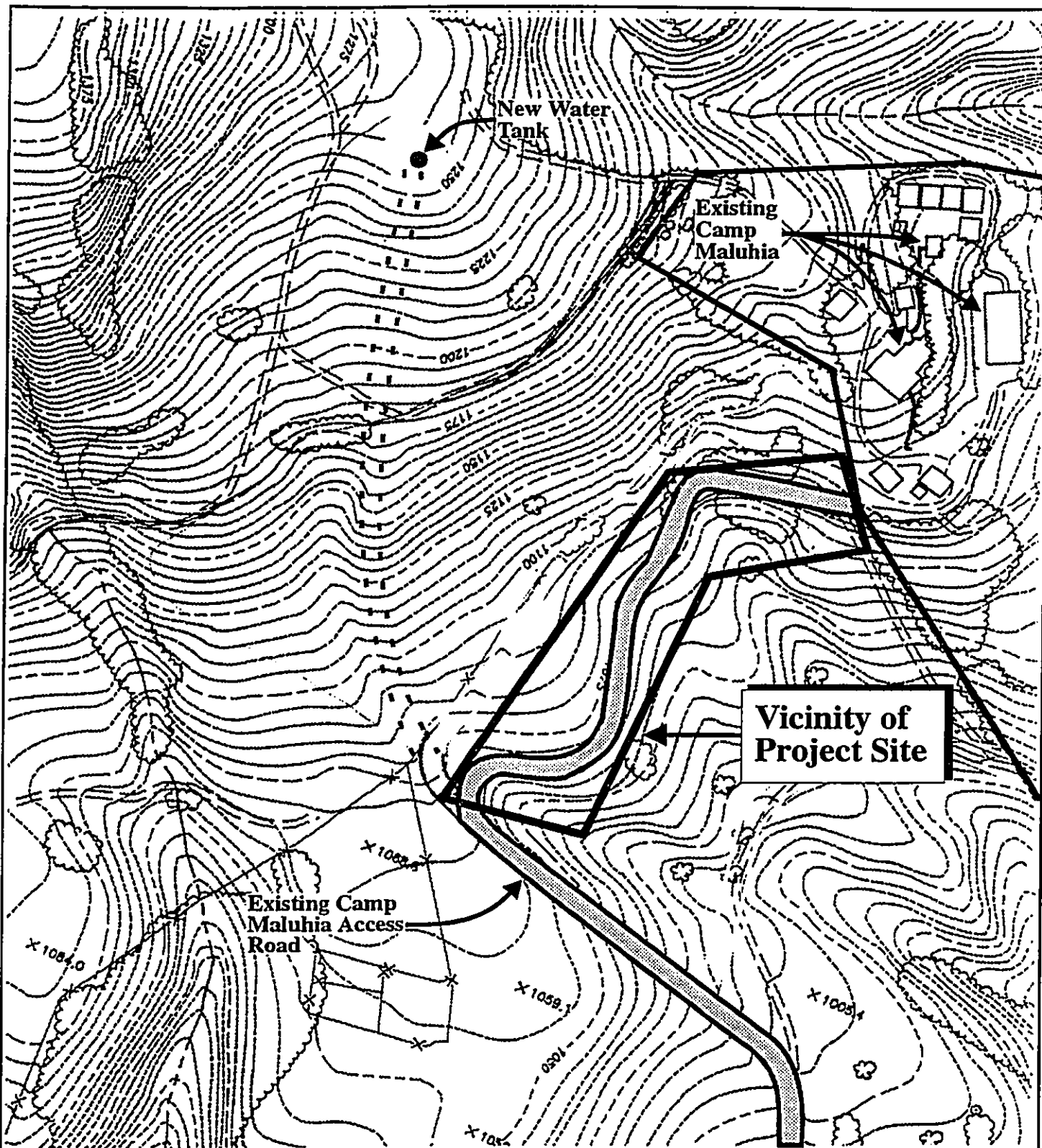
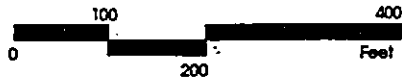
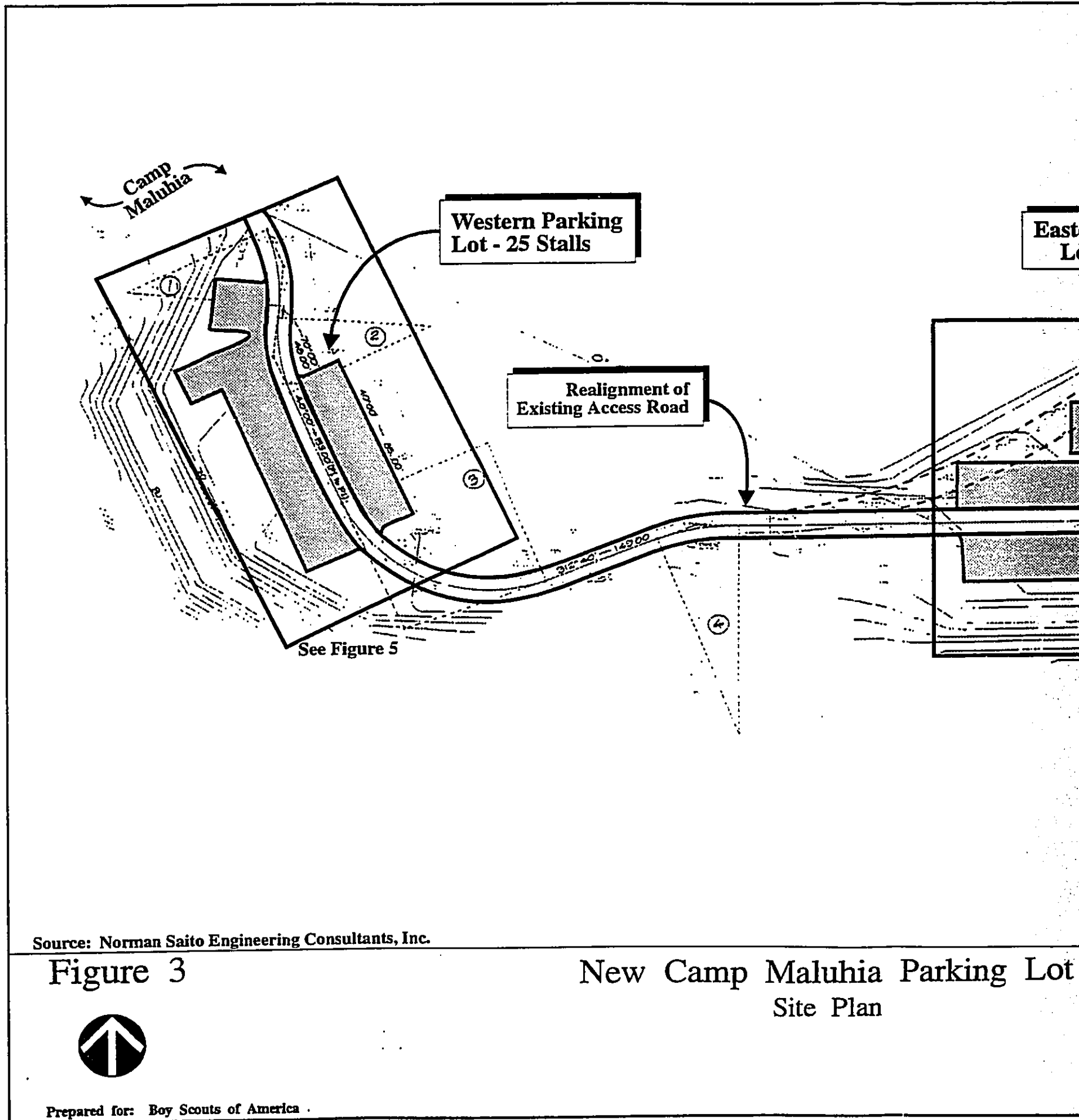


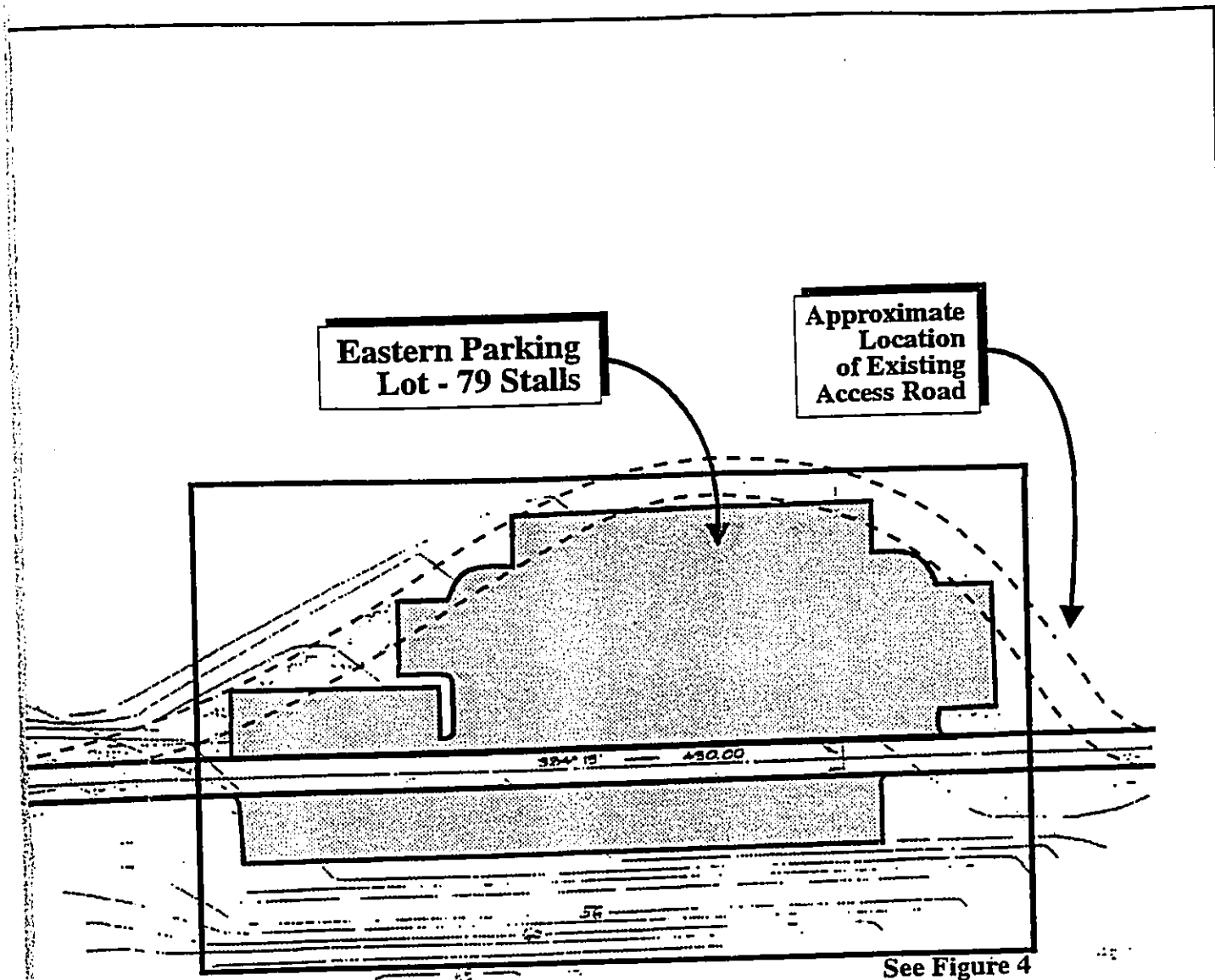
Figure 2 New Camp Maluhia Parking Lot  
Project Vicinity Map



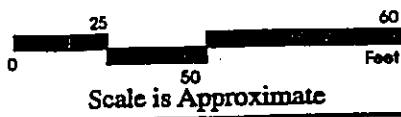
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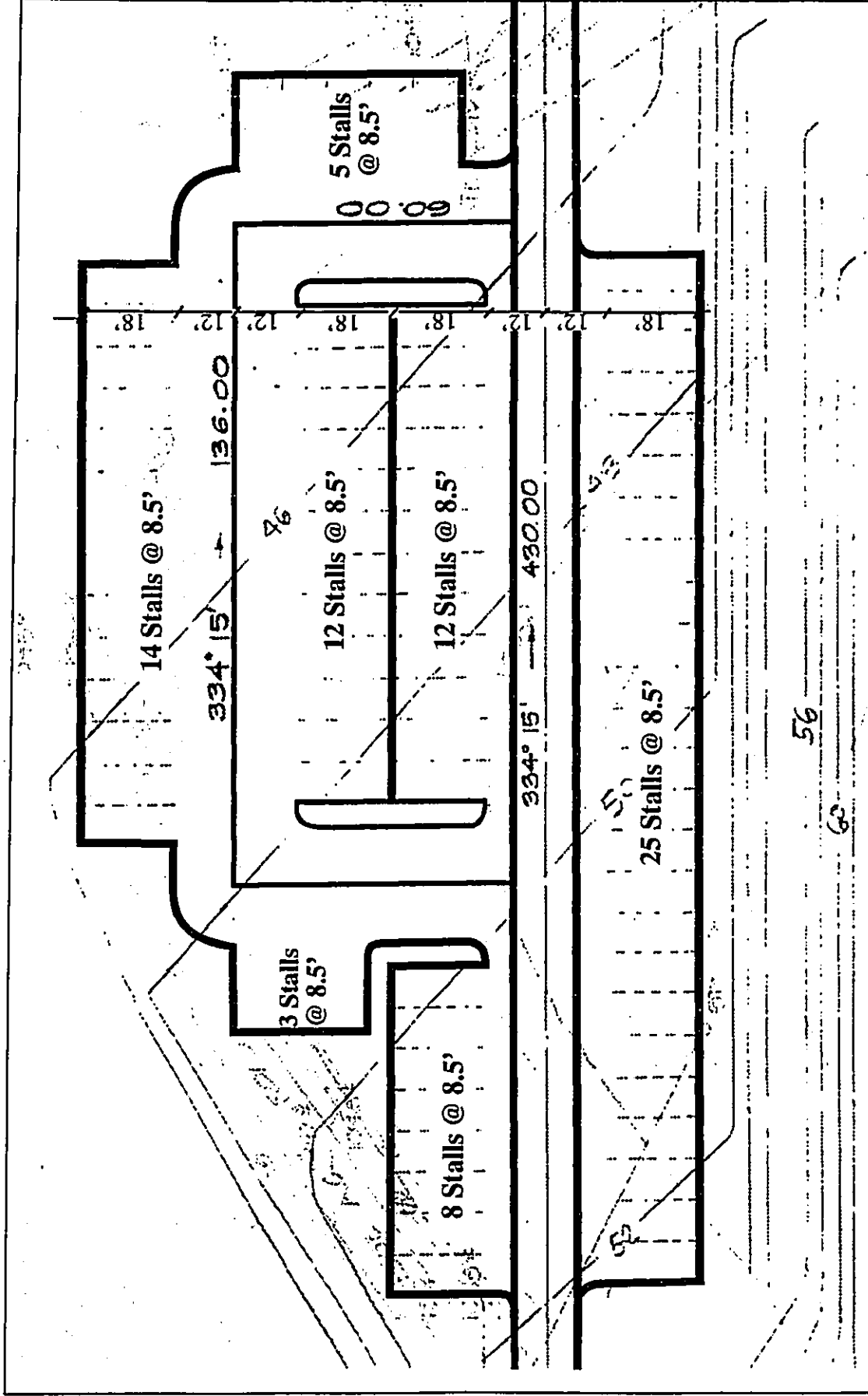






luhia Parking Lot  
Plan





Source: Norman Saito Engineering Consultants, Inc.

Figure 4

New Camp Maluhia Parking Lot  
Eastern Parking Lot - 79 Stalls



Prepared for: Boy Scouts of America





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a loss of available space for program activities. In addition, when the camp is in active use vehicles park outside of the camp along the roadway, which obstructs access to the camp.

# ***Chapter II***

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***Description of the  
Existing Environment***

## **II. DESCRIPTION OF THE EXISTING ENVIRONMENT**

### **A. PHYSICAL ENVIRONMENT**

#### **1. Surrounding Land Use**

The project site, located approximately eight (8) miles from the urbanized centers of Wailuku and Kahului, is in the midst of vacant and undeveloped land. Camp Maluhia is located immediately west of the site, while further west, beyond the camp, is the West Maui Forest Reserve. Lands to the north, east and south of the project site are undeveloped and utilized for the grazing of cattle. Further north of the site are a few single family residences.

#### **2. Climate**

Like most areas of Hawaii, Maui's climate is relatively uniform year-round. Characteristic of Hawaii's climate, the project site experiences mild and uniform temperatures year round, moderate humidities and a consistent northeasterly tradewind. Variations in climate on the Island is largely left to local terrain.

Average temperatures at the project site range from lows in the 60's to highs in the 80's. August and September are historically the warmest months, while January and February are the coolest. Rainfall at the site averages approximately 50 inches per year. Winds in the region are predominantly from the northeast.

#### **3. Topography and Soil Characteristics**

The project site is located on the slopes of the West Maui Mountain range, which is characterized by deep valleys, steep cliffs and large mountain ridges. The slopes in the project vicinity vary from 15% to 30%. The slope at the project site is approximately 15%.

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Underlying the proposed site and surrounding lands are soils belonging to the Honolulu-Olelo association. See Figure 6. This soil association is characteristically a well drained soil with a fine textured subsoil and is commonly found on intermediate uplands that are moderately steep. The soil type specific to the project site is of the Honolulu silty clay series (HwD). See Figure 7. This soil type, found on slopes ranging from 15-25%, are dark brown in color and have developed in material weathered from basic igneous rock. Runoff on this soil type is medium and erosion hazard is moderate.

4. **Flood and Tsunami Hazard**

The project site is located within Zone "C" as determined by the Flood Insurance Rate Map (FIRM) for this region. Zone "C" is an area of minimal flooding. The property is located on the slopes of the West Maui Mountains, well beyond the coastal tsunami inundation areas. Moreover, the elevation and the local terrain of the site provide for adequate drainage to preclude flooding from storm runoff.

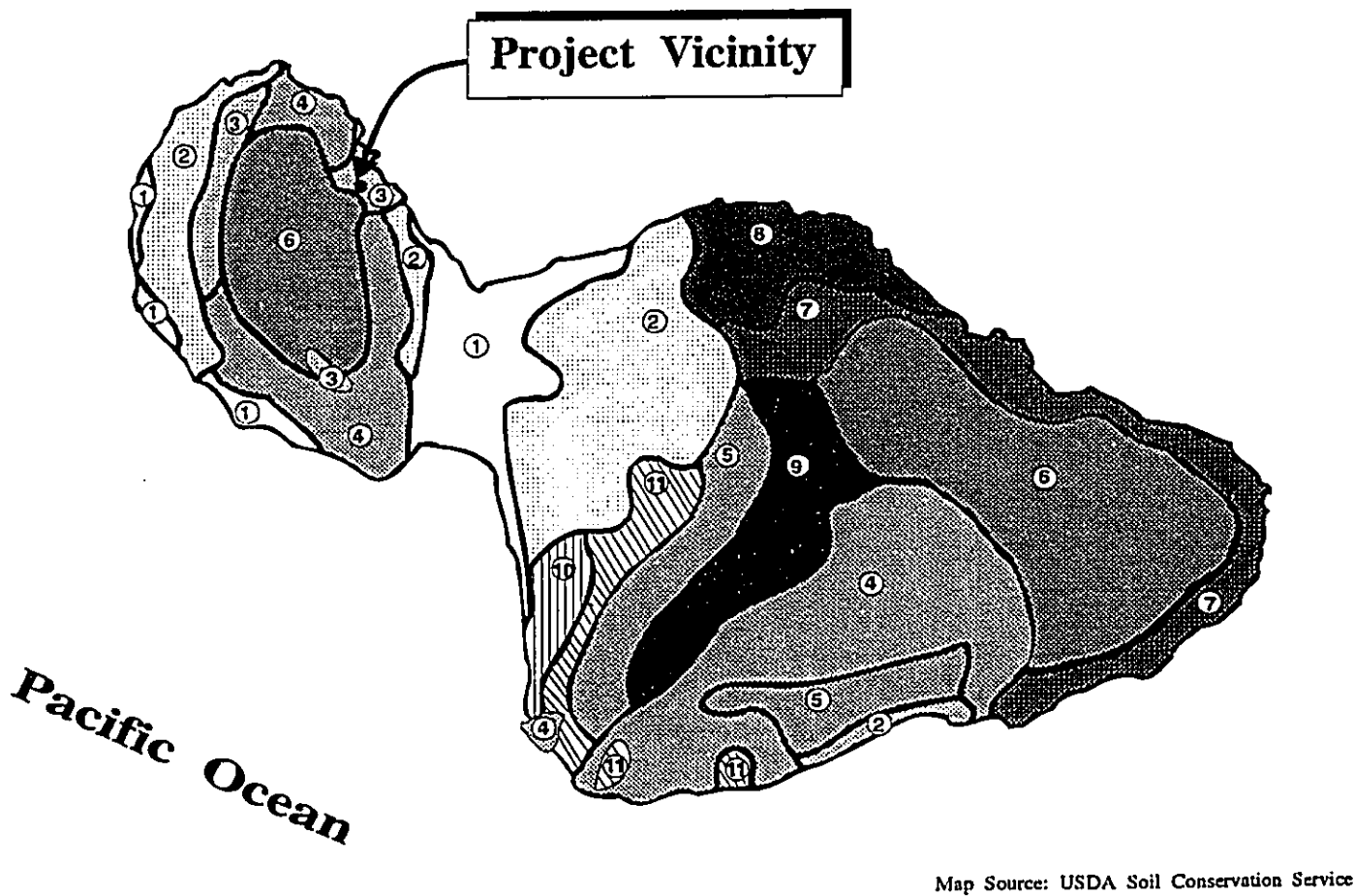
5. **Flora and Fauna**

The project site is located in undeveloped pasturelands on the north-facing slopes of the West Maui Mountains. Natural environmental features, such as plant and animal life, therefore, are reflective of this setting. Naturally occurring vegetation in this area include guava, Christmas berry, rice grass, Foxtail, lantana, Spanish clover and apple of Sodom. There are no known rare, endangered or threatened species of plants at the project site.

Animal life within the project vicinity similarly reflect the open pastureland character of the region. Avifauna typically found in this

## LEGEND

- |  |   |
|--|---|
| <p>① Pulehu-Ewa-Jaucas association</p> <p>② Waiakon-Keahua-Molokai association</p> <p>③ Honolulu-Olelo association</p> <p>④ Rock land-Rough mountainous land association</p> <p>⑤ Puu Pa-Kula-Pane association</p> <p>⑥ Hydrandepts-Tropaquods association</p> | <p>⑦ Hana-Makaalae-Kailua association</p> <p>⑧ Pauwela-Haiku association</p> <p>⑨ Laumaia-Kaipoi-Olinda association</p> <p>⑩ Keawakapu-Makana association</p> <p>⑪ Kamaole-Oanapuka association</p> |
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**Figure 6 New Camp Maluhia Parking Lot  
Soil Association Map**



Prepared for: Boy Scouts of America



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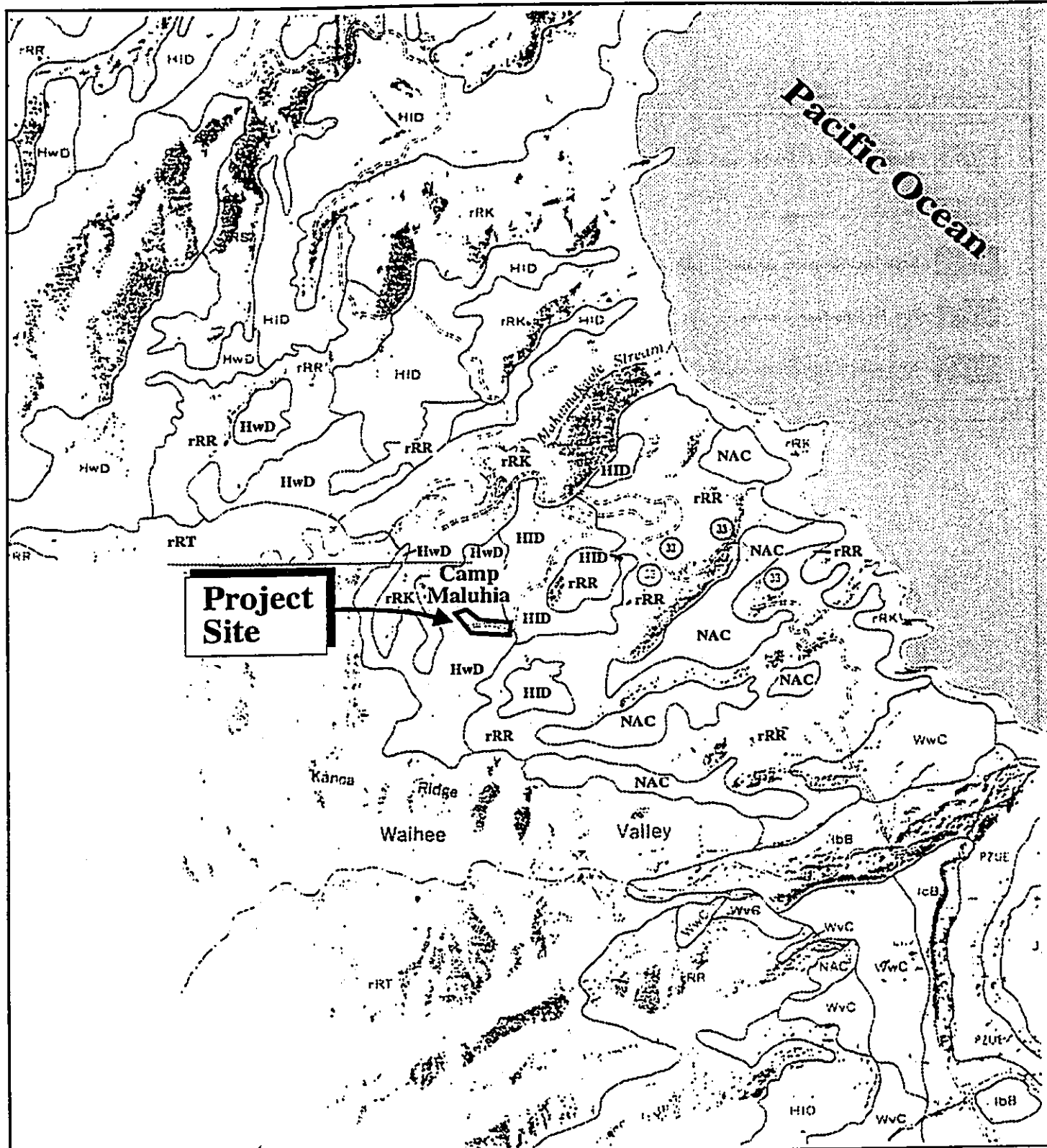


Figure 7 New Camp Maluhia Parking Lot  
Soil Classifications



Prepared for: Boy Scouts of America

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region include several species of dove, cardinal, ricebird, pueo and i'iwi. Mammals found in the area include rodents, mongoose and wild pigs. There are no known rare, endangered or threatened species of animals found in the vicinity of the project site.

6. **Air Quality**

Remote from any point and nonpoint sources of emission (e.g. urbanized Wailuku-Kahului region), the quality of air at the project site is considered excellent. This level of air quality can also be attributed to the area's constant exposure to the trade winds which quickly disperse emissions.

7. **Noise Characteristics**

Noise levels in the vicinity of the project site, due to its relatively remote setting, are very low. The primary source of background noise in the project area is attributed to natural conditions (e.g., wind).

8. **Visual Resources**

Located at the 1,245-foot elevation, the project site has a scenic view to the north and northeast (makai) of the Pacific Ocean and the West Maui's rugged coastline. Looking to the east from the site is a scenic view of the northwest facing slopes of Haleakala and shoreline.

The project site is not within a scenic view corridor and is not visible from Kahekili Highway, the primary coastal roadway in the vicinity.

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**9. Archaeological Resources**

A field inspection of the project site was conducted by the Department of Land and Natural Resources on December 29, 1993. See Appendix A. No evidence of archaeological or historic remains were found within the project site. Evidence of a field road was found near the area proposed for the western (upper) parking lot, however, this road appears to have been bulldozed, as indicated by scattered rocks along the perimeter. The proposed project will have no effect upon historic sites.

**B. PUBLIC SERVICES**

**1. Recreational Facilities**

The Wailuku-Kahului region, located east-southeast of the site, offers a full range of recreational opportunities, including beaches, public pools, public parks, community centers and the War Memorial Complex. Camp Maluhia offers camping, hiking, swimming, and related outdoor recreational opportunities.

**2. Police and Fire Protection**

Police protection for Camp Maluhia is provided by the County Police Department headquartered at the Wailuku Station, located approximately ten (10) miles from the camp.

Fire prevention, suppression and protection services for this area of the island is provided by the County Department of Fire Control's Wailuku Station, located in old Wailuku Town, approximately eight (8) miles from the project site.



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3. **Solid Waste**

Single-family residential solid waste collection service is provided by the County of Maui on a once-a-week basis. Residential solid waste collected by County crews are disposed of at the County's 55-acre Central Maui Landfill, located four miles southeast of the Kahului Airport. In addition to County-collected refuse, the Central Maui Landfill accepts commercial waste from private collection companies.

4. **Health Care**

Maui Memorial Hospital, the only major medical facility on the island, services the Wailuku-Kahului region. Acute, general and emergency care services are provided by the 145-bed facility. In addition, numerous privately operated medical/dental clinics and offices are located in the area to serve the region's residents.

5. **Schools**

The Wailuku-Kahului region is served by the State Department of Education's public school system as well as several privately operated schools accommodating elementary, intermediate and high school students. Department of Education facilities in the vicinity of Camp Maluhia include Waihee School (Grades K to 5), Iao School (Grades 6 to 8), and Baldwin High School (Grades 9 to 12).

C. **INFRASTRUCTURE**

1. **Roadways**

Kahekili Highway serves as the single public roadway between the Wailuku-Kahului region and Camp Maluhia. Access to the camp is via a paved roadway (approximately 10-feet in width).

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**2. Wastewater**

There are no municipal wastewater collection works in the Camp Maluhia vicinity. Wastewater disposal is accommodated through cesspools and individual wastewater systems.

**3. Water**

To comply with new Federal drinking water regulations, the Boy Scouts of America is currently constructing a 23,000 gallon potable water tank. The new water tank will be utilized for domestic purposes, while the existing surface-diverted water source and two existing storage water tanks (10,000 gallons and 12,000 gallons capacities, respectively) will be retained as a back up system to meet non-domestic needs (e.g., water for the camp swimming pool).

**4. Drainage**

There are no drainage improvements in the vicinity of the proposed project site. Surface runoff percolates naturally into the ground or sheet flows in a northerly direction to an existing natural drainage gulch.

# ***Chapter III***

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## ***Project Impact Assessment***

### **III. PROJECT IMPACT ASSESSMENT**

#### **A. PHYSICAL ENVIRONMENT**

##### **1. Surrounding Uses**

The project site is situated in the midst of undeveloped pasturelands. The construction of the parking area at this locale will not affect surrounding land uses.

##### **2. Topography**

The proposed project will require some cutting and filling. Side slopes will be stabilized with vegetation. The proposed parking stalls and roadway improvements will not significantly alter the topographical character of the area.

##### **3. Flora and Fauna**

There are no known significant habitats or rare, endangered, or threatened species of flora and fauna located in the vicinity of the project site. The proposed construction, therefore, is not considered an adverse impact upon these environmental features.

##### **4. Air Quality**

Air quality impacts attributed to the project will include dust generated by short-term, construction-related activities. Earthwork activities, for example, will generate airborne particulates. Dust control measures such as regular watering and sprinkling will be implemented as needed to minimize wind-blown emissions.

In the long-term, the proposed parking lot is not anticipated to adversely affect air quality conditions in the vicinity of the camp.

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5. **Noise**

As with air quality, ambient noise conditions will be impacted by construction activities. Construction equipment, such as bulldozers, front end loaders and materials-carrying trucks, would be the dominant source of noise during the site construction period. All construction activities will be limited to normal, daylight working hours. Given the site's remote location, temporary construction noise is not considered a significant issue.

6. **Visual Resources**

The proposed parking lot will not have an adverse impact upon the visual character of the surrounding area.

7. **Archaeological Resources**

No evidence of archaeological or historical remains were found within the project site. Accordingly, the construction of the parking stalls is not anticipated to have an affect on archaeological resources.

**B. PUBLIC SERVICES**

The proposed project will not result in any adverse impacts to public services. The project will not affect requirements for recreational facilities, police and fire protection, medical facilities and schools.

**C. INFRASTRUCTURE**

As with public services, the proposed parking lot will not have any negative impacts on public infrastructure systems. The proposed parking stalls are intended to meet existing parking needs for Camp Maluhia.

# ***Chapter IV***

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## ***Findings and Conclusions***

#### **IV. FINDINGS AND CONCLUSIONS**

The proposed construction of the parking stalls is intended to meet existing parking demands for Camp Maluhia.

The proposed project will involve earthwork and paving activities. In the short-term, these activities may create temporary nuisances normally associated with construction activities. However, in the context of the surrounding agricultural land uses, the impacts of construction are not considered significant.

From a long term perspective, the use of the site for the proposed parking stalls is not anticipated to result in any adverse environmental impacts. No evidence of archaeological or historic resources were found within the project site. There are no known rare or threatened species of flora and fauna found in the vicinity of the site. Ambient air and noise characteristics will not be altered as a result of the proposed parking stalls.

The project is not considered significant in terms of impacts to public services and other infrastructure systems.

In light of the foregoing findings, it is concluded that the proposed action will not result in any significant impacts.

# ***Chapter V***

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***Agencies Contacted in  
the Preparation of the  
Environmental Assessment***



**V. AGENCIES CONTACTED IN THE PREPARATION OF THE ENVIRONMENTAL ASSESSMENT**

1. State of Hawaii  
Department of Land and Natural Resources  
Historic Preservation Division  
1151 Punchbowl Street  
Honolulu, Hawaii 96813

# ***References***

---

**References**

Federal Emergency Management Agency, Flood Insurance Rate Map, Community Panel Number 150003 0160 B (Waihee-Kahakuloa), June 1, 1981.

Maui County Council, Boy Scouts of America, New Camp Maluhia Water Tank Final Environmental Assessment, January 1993.

University of Hawaii, Department of Geography, Atlas of Hawaii, Second Edition, 1983.

U.S. Department of Agriculture, Soil Conservation Service, Soil Survey of Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii, 1972.

# ***Appendix A***

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***Letter from DLNR-Historic  
Preservation Division***

JOHN WAHEE  
GOVERNOR OF HAWAII



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
STATE HISTORIC PRESERVATION DIVISION  
33 SOUTH KING STREET, 8TH FLOOR  
HONOLULU, HAWAII 96813

JAN 12 1994

KEITH AHUE, CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCE

DEPUTIES

JOHN P. KEPPELER II  
DONA L. HANAKE

AQUACULTURE DEVELOPMENT  
PROGRAM

AQUATIC RESOURCES  
CONSERVATION AND

ENVIRONMENTAL AFFAIRS  
CONSERVATION AND  
RESOURCES ENFORCEMENT  
CONVEYANCES

FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
DIVISION

LAND MANAGEMENT  
STATE PARKS

WATER AND LAND DEVELOPMENT

January 5, 1994

Mr. William Frampton  
Michael Munekiyo Consulting  
2035 Main Street  
Wailuku, Hawaii 96793

LOG NO: 10476 ✓  
DOC NO: 9401KD01

Dear Mr. Frampton:

**SUBJECT: Historic Preservation Review of a Proposed Parking Lot  
for the Boy Scouts of America, Camp Maluhia  
Kahakuloa, Wailuku, Maui  
TMK: 3-1-01: 28**

Thank you for the opportunity to comment on the proposed construction project, to be completed by the Boy Scouts of America at Camp Maluhia.

The project reviewed consists of 104 parking stalls, to be placed at two locations along the camp access road. The road is to be moved in the immediate area of the two parking lots, which are to be approximately 270 feet apart.

A field inspection of the proposed project area was conducted on December 29, 1993, by Historic Preservation Division staff archaeologist Theresa K. Donham. The lower (eastern) parking lot area is in pasture, and the upper (western) lot area is in guava, Christmasberry, wild raspberries and various vines.

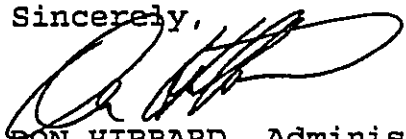
No historic sites or indications of such were identified within the proposed construction areas. Evidence of a field road is present in the area of the upper parking lot. This road appears to have been bulldozed, as indicated by scattered stones along the perimeter. It is distinct from the historic roadway (SIHP Site 50-04-2929) that was recently identified upslope from the project area.

Mr. William Frampton  
Page 2

Based on a review of our records, and on the field inspection, we believe that this project will have "no effect" on historic sites.

Please contact Ms. Theresa K. Donham at 243-5169 or Ms. Annie Griffin at 587-0013 if you have any questions.

Sincerely,

  
DON HIBBARD, Administrator  
State Historic Preservation Division

KD:jen